



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 8461

SERIAL NUMBER 10/581,509	FILING OR 371(c) DATE 06/01/2006 RULE	CLASS 375	GROUP ART UNIT 2611	ATTORNEY DOCKET NO. 915-007.201
-----------------------------	--	--------------	------------------------	---------------------------------------

## APPLICANTS

Pirjo Pasanen, Vantaa, FINLAND;  
 Olav Tirkkonen, Helsinki, FINLAND;

## \*\* CONTINUING DATA \*\*\*\*\*

This application is a 371 of PCT/IB03/05587 12/03/2003

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 02/05/2007

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY FINLAND	SHEETS DRAWING 9	TOTAL CLAIMS 30	INDEPENDENT CLAIMS 9
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				

Verified and  
Acknowledged

Examiner's Signature

Initials

4955

## TITLE

EXPLOITING SELECTION DIVERSITY IN COMMUNICATIONS SYSTEMS WITH NON-ORTHONORMAL  
 MATRIX AND VECTOR MODULATION

FILING FEE RECEIVED 2700	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
--------------------------------	---	--